



# MONTANA FISH, WILDLIFE & PARKS

PO Box 200701 Helena, MT 59620-0701  
(406) 444-9947

## ENVIRONMENTAL ASSESSMENT CHECKLIST

### PART I. PURPOSE OF AND NEED FOR ACTION

**1. Project Title:** Boone and Crockett Club Palmer Shooting Range Improvement Project

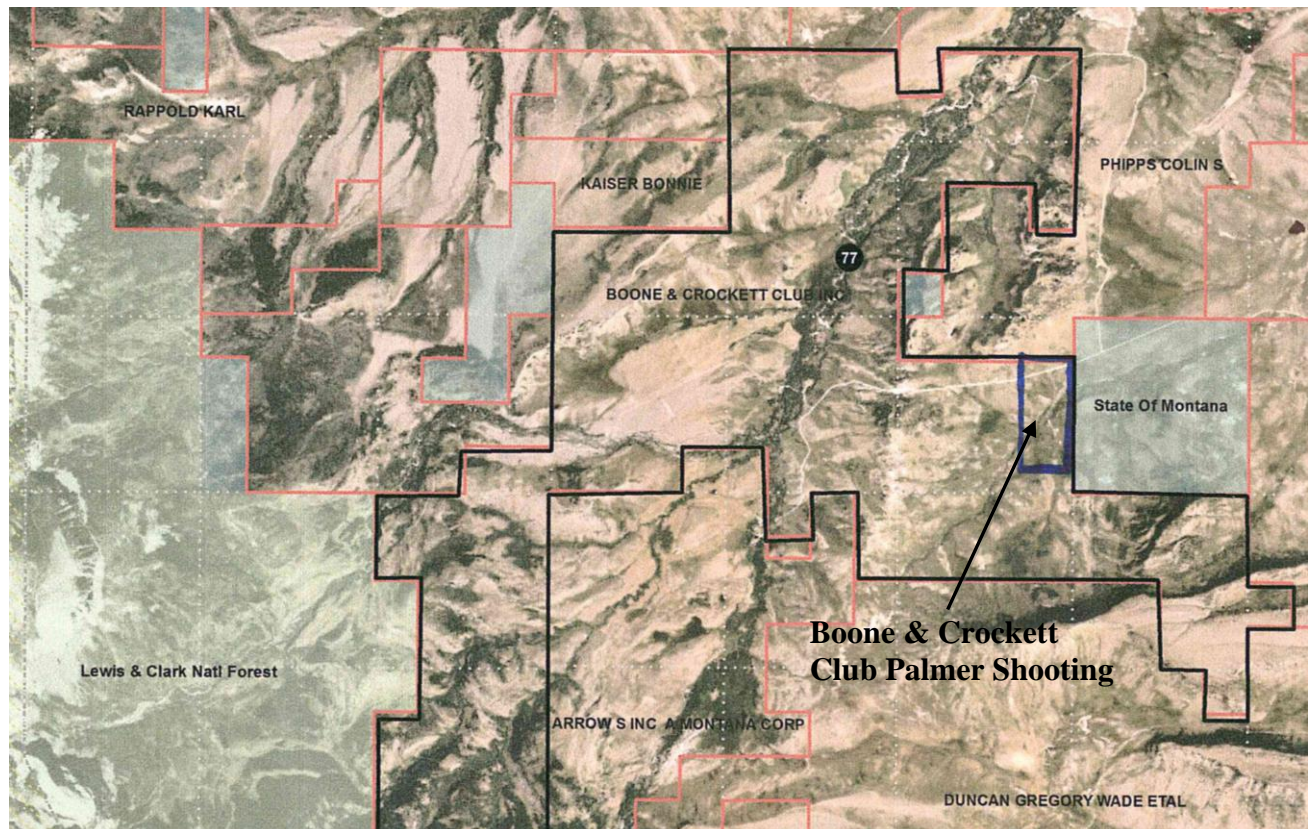
**2. Type of Proposed Action:**

The Boone and Crockett Club (BCC) proposes to improve the Palmer Shooting Range by:

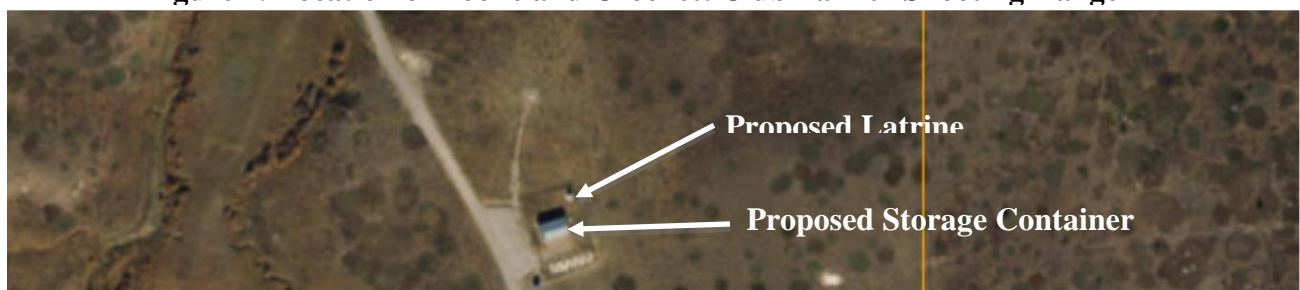
- Installing a single-use, weatherproof, shipping-style cargo container for storage
- Improve the 100-yard and 300-yard ranges
- Install a concrete vault latrine

**3. Location Affected by Proposed Action:**

The Boone and Crockett Club (BCC) Palmer Shooting Range is located approximately 12 miles southwest of Dupuyer, Montana, off West Pendroy Road, Lat. 48.0943, Long. -112.6561, SE1/4 Section 17, Township 27 North, Range 8 West.



**Figure 1. Location of Boone and Crockett Club Palmer Shooting Range**



## **Figure 2. Location of Proposed Projects at Boone and Crockett Club Palmer Shooting Range**

**4. Agency Authority for the Proposed Action:** MCA 87-1-276 through 87-1-279 (Legislative established policies and procedures for the establishment and improvement of shooting ranges) and MCA 87-2-105 (Departmental authority to expend funds to provide training in the safe handling and use of firearms and safe hunting practices). The Montana Legislature has authorized funding for the establishment of a Shooting Range Development Program providing financial assistance for the development of shooting ranges. Montana Fish, Wildlife & Parks (FWP) has responsibility for the administration of the program, including the necessary guidelines and procedures governing applications for funding assistance under the program.

To be eligible for grant assistance, a private shooting club or a private organization:

*(a)(i) Shall accept in its membership any person who holds or is eligible to hold a Montana hunting license and who pays club or organization membership fees;*

*(ii) May not limit the number of members;*

*(iii) May charge a membership fee not greater than the per-member share of the club's or organization's reasonable cost of provision of services, including establishment, improvement, and maintenance of shooting facilities and other membership services; and*

*(iv) Shall offer members occasional guest privileges at no cost to the member or invited guest and shall make a reasonable effort to hold a public sight-in day each September, when the general public may use the shooting range for a day-use fee or at no cost; or*

*(b) Shall admit the general public for a reasonable day-use fee.*

### **5. Need for the Action(s):**

The need for the project is threefold:

1) As the Palmer Shooting Range increases the number of programs offered, the additional equipment acquired is crowding the classroom space. A weatherproof and mouse proof 20' shipping container to store new equipment would free up space in the classroom for classes and instruction.

2) The ground on the 100-yard and 300-yard ranges is uneven, making it difficult to securely set up target stands and to set the stands at the appropriate heights. The dirt-work would level and realign uneven areas for the target stands.

3) The current latrine is old and so dilapidated that nobody wants to use it. A concrete vault latrine would provide a durable, safe, and clean restroom facility.

### **6. Objectives for the Action(s):**

The objective of the BCC proposed project is to improve the Palmer Shooting Range by installing a shipping container for storage, improving the 100-yard and 300-yard ranges, and installing a concrete vault latrine.

### **7. Project Size: estimate the number of acres that would be directly affected:**

The proposed project would involve approximately 3 acres of the 30-acre BCC Palmer Shooting range.

### **8. Affected Environment (A brief description of the affected area of the proposed project):**

The BCC Palmer Shooting range is located on 30 acres of private land owned in fee title by the Boone and Crockett Club. The range is not located within a floodplain and there are no permanent surface waters or wetlands on the property. The BCC Palmer Shooting range offers shooting opportunities for rifle, pistol, shotgun, archery, and Cowboy Action.

### **9. Description of Project:**

The BCC proposed project involves: installing a shipping container for storage; leveling and realigning the

ground at the 100-yard and 300-yard ranges to improve setting target stands; and installing a concrete vault latrine. The estimated budget includes:

Storage Container	\$ 5,400
Equipment Rental	\$ 2,000
Concrete- Labor & Materials	<u>\$ 14,127</u>
Total Project Budget	\$ 21,527
Total Funding Requested from FWP	<b>\$ 10,763</b>

**10. List any Other Local, State, or Federal Agency that has Overlapping or Additional Jurisdiction:**

None

**Permits, Licenses and/or Authorizations:**

<u>Agency Name</u>	<u>Permit</u>	<u>Date Filed/#</u>
--------------------	---------------	---------------------

N/A

**Funding:**

<u>Agency Name</u>	<u>Funding Amount</u>
--------------------	-----------------------

Montana Fish, Wildlife & Parks	\$10,763
--------------------------------	----------

**11. Affiliations, Cooperating Agencies, User Groups and/or Supporting Groups:**

The BCC Palmer range is located on 30 acres of private land deeded to the BCC. This is a non-profit, private shooting club with no annual membership fee for individuals or families and a day use fee of \$4 for guests and members. The BCC Palmer Range hosts over 10 events each year. Approximately 7 organizations utilize the range, including: Boone and Crockett Club, Montana Fish, Wildlife and Parks (FWP), Boy Scouts, NRA Youth Hunter Education Program, Montana Rifle and Pistol Association, Crown of the Continent Conservation Initiative, Outdoor Life, Backcountry Hunters and Anglers, University of Montana, Montana State University, and FWP Block Management Program.

**12. History of the Planning and Scoping Process, and Any Public Involvement:**

Because the BCC is a non-profit, private shooting club for members, there has been no public involvement in the planning process. Proposed range development proposals have been discussed with the club members and the associated project vendors and contractors.

**13. List of Agencies Consulted/Contacted During Preparation of the EA:**

Montana Fish, Wildlife & Parks

**14. Names, Address, and Phone Number of Project Sponsor:**

Luke Coccoli, 388 Upper TRM Ranch Road, Dupuyer, MT 59432. (406) 472-3311.

**15. Other Pertinent Information:**

The BCC is a non-profit, private shooting club. The closest shooting range providing similar shooting opportunities is located 8 miles from the BCC Palmer range in Dupuyer, Montana.

Shooting range applications require the participating governing body to approve by resolution its submission of applications for shooting range-funding assistance. Resolution Date: January 22, 2018.

**PART II. IDENTIFICATION OF THE PREFERRED ALTERNATIVES**

**Alternative A, the Proposed Alternative, and Alternative B, the No Action Alternative,** were considered.

**Alternative A (Proposed Alternative)** is as described in Part I, paragraph 9 (Description of Project), to install a shipping container for storage, improve the 100 and 300-yard rifle ranges, and install a concrete vault latrine at the BCC Palmer range. There are beneficial consequences to acceptance of the **Proposed Alternative**.

**Alternative B (No Action Alternative)** Montana Fish, Wildlife and Parks Shooting Range Development Grant money would be denied and the area will remain as an active shooting range without the proposed improvements. The no action alternative would have no significant negative environmental or potentially negative consequences. The range will continue on with present conditions. Land use would remain the same.

**Description and analysis of reasonable alternatives (including the no action alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:** Only the proposed alternative and the no action alternative were considered. There were no other alternatives that were deemed reasonably available, nor prudent. Neither the proposed alternative nor the no action alternative would have significant negative environmental or potentially negative consequences.

**Describe any Alternatives considered and eliminated from Detailed Study:**

None. Only the proposed alternative and the no action alternative were considered. There was no other alternative that were deemed reasonably available, or prudent. Neither the **Proposed Alternative** nor the **No Action Alternative** would have significant negative environmental or potentially negative consequences.

**List and explain proposed mitigating measures (stipulations):** None

### **PART III. ENVIRONMENTAL REVIEW**

Abbreviated Checklist – The degree and intensity determines extent of Environmental Review. An abbreviated checklist may be used for those projects that are not complex, controversial, or are not in environmentally sensitive areas.

**Table 1. Potential impact on physical environment.**

<b>Will the proposed action result in potential impacts to:</b>	<b>Unknown</b>	<b>Potentially Significant</b>	<b>Minor</b>	<b>None</b>	<b>Can Be Mitigated</b>	<b>Comments Below</b>
1. Unique, endangered, fragile, or limited environmental resources				<b>X</b>		
2. Terrestrial or aquatic life and/or habitats				<b>X</b>		<b>2</b>
3. Introduction of new species into an area				<b>X</b>		
4. Vegetation cover, quantity & quality				<b>X</b>		<b>4</b>
5. Water quality, quantity & distribution (surface or groundwater)				<b>X</b>		<b>5</b>
6. Existing water right or reservation				<b>X</b>		
7. Geology & soil quality, stability & moisture				<b>X</b>		<b>7</b>

Will the proposed action result in potential impacts to:	Unknown	Potentially Significant	Minor	None	Can Be Mitigated	Comments Below
8. Air quality or objectionable odors				X		
9. Historical & archaeological sites				X		9
10. Demands on environmental resources of land, water, air & energy				X		
11. Aesthetics				X		11

**2. & 5. .** There are no delineated wetlands and no natural water sources within the area proposed for development. No critical wildlife habitat would be affected. Any resident or transient wildlife may temporarily leave the immediate area during construction activities.

**4.** The elimination of vegetation for the implementation of the proposed project will not change the overall abundance and diversity of plant species within the area. The proposed project occupies a small portion of the property. Due to prior land use, native vegetation has been disturbed in the area of the proposed project. Therefore, the proposed project will have a minor impact on native vegetation in the area.

**7.** The proposed project will cause limited displacement of soils but the developments will not substantially effect geological features or establish new erosion patterns. Soil disruption for this site is localized. Erosion control measures will be in effect and disturbed area will be reseeded.

**9.** This project uses no federal funds nor does it take place on state owned or controlled property; therefore, the Federal 106 Regulations and the State Antiques Act do not apply.

**11.** The property is already used as a shooting range so the proposed project will have no additional impact on the aesthetics of the property.

**Table 2. Potential impacts on human environment.**

Will the proposed action result in potential impacts to:	Unknown	Potentially Significant	Minor	None	Can Be Mitigated	Comments Below
1. Social structures and cultural diversity				X		
2. Changes in existing public benefits provided by wildlife populations and/or habitat				X		
3. Local and state tax base and tax revenue				X		

4. Agricultural production				X		4
5. Human health				X		5
6. Quantity & distribution of community & personal income				X		
7. Access to & quality of recreational activities				X		7
8. Locally adopted environmental plans & goals (ordinances)				X		
9. Distribution & density of population and housing				X		
10. Demands for government services				X		
11. Industrial and/or commercial activity				X		

4. Even though the BCC Palmer range is adjacent to surrounding agricultural land used for grazing and hay production, the range is not in agricultural production. The proposed project will have no affect on agricultural production.

5. The proposed project will improve the safety of the BCC Palmer range and the surrounding residential community.

7. The proposed developments will increase shooting opportunities within the community.

#### **PART IV. NARRATIVE EVALUATION AND COMMENT**

All of the pertinent or potential impacts of the project have been reviewed, discussed, and analyzed. None of the projects reviewed were complex, controversial, or located in an environmentally sensitive area. The projects being implemented are already on an existing range or altered areas that together with the insignificant environmental effects of the proposed action, indicates that this should be considered the final version of the environmental assessment. There are no significant environmental or economic impacts associated with the proposed alternative.

The Boone and Crockett Club's Proposed Alternative, to install a shipping container for storage, improve the 100 and 300-yard rifle ranges, and install a concrete vault latrine at the BCC Palmer range, is supported by its members and the public. Therefore, Montana Fish, Wildlife and Parks should approve the Proposed Alternative (A) for the improvements as outlined in Part I, Paragraph 9.

#### **PART V. ENVIRONMENTAL CONSEQUENCES**

**Does the proposed action involve potential risks or adverse effects, which are uncertain but extremely harmful if they were to occur? No**

**Does the proposed action have impacts that are individually minor, but cumulatively significant or potentially significant?** Individually, the proposed actions have minor impacts. However, it was determined that there are no significant or potentially significant cumulatively impacts. Cumulative impacts have been assessed considering any incremental impact of the proposed action when they are combined with other past, present, and reasonably foreseeable future actions, and no significant impacts or substantially controversial issues were found. There are no extreme hazards created with this project and there are no conflicts with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan.

**Recommendation and justification concerning preparation of EIS:**

There are no significant environmental or economic impacts associated with the proposed alternative; therefore, an EIS is not required.

**PART VI. EA CONCLUSION SECTION**

**Individuals or groups contributing to, or commenting on, this EA:**

- Luke Coccoli, 388 Upper TRM Ranch Road, Dupuyer, MT 59432. (406) 472-3311.
- MT Fish Wildlife and Parks

**EA prepared by:**

Andrea Darling, Darling Natural Resource Consulting, Montana City, MT 59634

**Date Completed:**

June 5, 2018

**Describe public involvement, if any:**

This draft EA will be advertised on FWP's web site and through a legal ad in the *Cutbank Pioneer Press*, *Cutbank, MT* announcing a public comment period. A press release will also announce the project and comment period.